United States Department of Agriculture

NRCS Natural Resources Conservation Service

Nutrient Management (590)
Basic Organic Nutrient Management System

Natural Resources Conservation Service (NRCS) **April, 2014**

Basic Organic Nutrient Management System Jobsheet

Producer Name: _____
Contract # _____

INFORMATION ON THIS JOB SHEET IS CONSIDERED TO BE PART OF THE CONTRACT AND/OR CONSERVATION PLAN.

Purpose

The purpose of this job sheet is to develop a Basic Organic Nutrient Management system for the operation that will meet all criteria of the 590 Nutrient Management practice standard and the National Organic Program (NOP).

Conditions Where Practice Applies

Practice applies on all lands where landowners wish to improve the nutrient budget for all crops and at the same time improve the soil and water quality by reducing the risk of nutrient leaching and runoff.

Basic Organic Nutrient Management System Specifications

The planned Basic Organic Nutrient Management System will meet all criteria of the 590 Nutrient Management practice standard and will follow the National Organic Program guidelines. Implementation will result in the proper rate, source, method of placement, and timing of nutrients. Payment for implementation is to defray the costs of soil testing, analysis, consultant services that provide nutrient recommendations based on Land Grant University recommendations or crop removal rates and an associated nutrient budget, and recordkeeping. Records demonstrating implementation of the 4 R's of the nutrient management criteria will be required:

- Right fertilizer source
- Right rate
- Right timing
- Right placement

The use of pre-plant soil tests will assist with the proper development of the annual nutrient budget. The use of post-harvest soil and/or tissue tests (results interpreted by crop consultant) will help establish the adequacy of the plan in meeting crop needs while minimizing Phosphorus application rates and residual Nitrogen, thus reducing the potential for off-site impacts.
Based on the 590 Nutrient Management standard, the soil loss has to be at or below the tolerable soil loss "T" and the N and P risk assessment tools has to be utilized to demonstrate that there is no risk for offsite movements of nutrients on fields receiving fertilizer.
* Specialized training is required by attending annual workshops and/or conferences. The following records will be provided on the annual basis: current soil test, manure or organic by-products analysis, and amount of application, forms and rates of nutrients for each field.

Deliverables to the NRCS field office:

- Soil test results
- PTDTT Pre-top dress tissue test results (if applicable)
- Crop rotation and yield records
- Fertilizer application records (timing, form, placement and rate)
- Manure application records (timing, form, placement and rate)
- Lime application rates (timing, form, placement and rate)

Certifications			
Job Sheet	Prepared by:	Title:	Date:
	Approved by:	Title:	Date:
Installation	Meets NRCS standards and specifications.		
	Certification by:	Title:	Date:

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*** Please contact Tibor Horvath Nutrient Management Specialist for accepted courses and workshops/conferences at Tibor.Horvath@ky.usda.gov or 859-224-7413.**